

FIX-N-FAX #81

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

No. 81

Equipment Standard

Mandatory Compliance

Date: April 1991

Air/TC Shifting Model #5 Air Controlled Transfer Case Operation

There have been reports of difficulties when operating the air control transfer case from road gear into pump gear.

THE ISSUE IS: When the air control is shifted from road gear to pump gear in the truck cab, the Pump Engage light is activated by the power take off control, but the gear box has not completely disengaged from road gear internally. This can cause the vehicle to lurch or jump when the operator increases engine RPMs for water flow.

TO AVOID THIS PROBLEM, USE THE FOLLOWING PROCEDURE:

- Park the truck.
- Set the parking brake.
- Shift truck transmission to neutral.
- Shift the PTO air control from road gear to pump gear.
- Momentarily, shift truck transmission to reverse.
- Shift truck transmission to forward (pump gear).
- Deploy chock blocks.
- Proceed to pump panel.

The false shift position indication can be eliminated by changing the location of the light switch. A repair operation to the transfer case is required. To complete the repair, Fabco Corporation is currently assembling a positive neutral light switch kit to be available for retro fit. This would change the operation of the pump engagement light to work only when the PTO is engaged and road gear is completely disengaged.

AFFECTED UNITS (18) 1987/88 MODELS #5 FIRE ENGINES

<u>REGION</u>	<u>"X" NUMBER</u>	<u>LICENSE #</u>	<u>NAVISTAR SERIAL #</u> <u>(1HTLFDBN)</u>	<u>IN-</u> <u>SERVICE</u>
I	4X053	<E>386976	8KH655185	9/27/90
I	4X057 WINCH	<E>387000	1KH655190	8/23/90
I	4X065	<E>885808	9KH655194	9/27/90
I	4X095	<E>386977	2KH655196	7/30/90
I	4X146	<E>885809	7KH655193	9/27/90
I	4X191	<E>887067	8KH655199	9/27/90
I	4X220	<E>885810	2KH655201	9/27/90
I	4X244	<E>887069	4KH655202	8/27/90
II	4X039	<E>386974	XKH655186	7/30/90
II	4X044 WINCH	<E>386947	IKH655187	7/30/90
II	4X056	<E>887000	3KH655191	8/24/90
II	4X178	<E>386998	6KH655198	8/14/90
II	4X196	<E>886811	OKH655200	9/27/90
IV	4X020 WINCH	<E>386975	5KH655189	8/24/90
IV	4X048	<E>887068	3KH655188	8/28/90
IV	4X059	<E>386999	5KH655192	8/14/90
IV	4X060	<E>386946	4KH655197	7/30/90
IV	4X090	<E>887066	OKH655195	8/27/90

(see FIX-N-FAX INDEX)